

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-7. (Canceled)

8. (Currently Amended) A method implemented in a computer-readable medium and for executing on a proxy server the method for policy and attribute based access to a resource, comprising:

receiving a session request for access to a resource, wherein the session request is sent from a service and includes alias identity information for a principal, wherein the alias identity information includes a random password and a random principal ~~identification password~~;

mapping the alias identity information to identity information of the principal;

authenticating the identity information;

acquiring a service contract for the principal, the service, and the resource, wherein the service contract includes selective resource access policies and attributes which are permissibly used by the service on behalf of the principal; and

establishing a session with the service, wherein the session is controlled by the service contract.

9. (Original) The method of claim 8 further comprising accessing an identity configuration for the principal in order to acquire the selective resource access policies and attributes included within the service contract.

10. (Original) The method of claim 8 further comprising denying access attempts made by the service during the session when the access attempts are not included within the service contract.

11. (Original) The method of claim 8 further comprising terminating the session when an event is detected that indicates the service contract is compromised or has expired.

12. (Original) The method of claim 8 further comprising establishing the service contract with the principal prior to receiving the session request.

13. (Original) The method of claim 12 further comprising reusing the service contract to establish one or more additional sessions with the service, wherein the one or more additional sessions are associated with one or more additional session requests made by the service.

14. (Original) The method of claim 12 wherein the establishing further includes establishing the service contract with the principal in response to a redirection operation performed by a proxy that intercepts a browser request issued from the principal to the service for purposes of accessing the resource.

Claims 15-20. (Canceled)

21. (Currently Amended) A policy and attribute based resource session manager, residing in a computer-accessible medium and for executing on a proxy server, comprising instructions for establishing a session with a resource, the instructions when executed performing the method of: receiving alias identity information from a service, wherein the alias identity information is associated with a principal, and wherein the alias identity information includes a random password and a random principal identification password;

requesting a mapping of the alias identity information to principal identity information;
requesting authenticating of the identity information;

requesting a service contract for the principal, the service and a resource, wherein the service contract includes selective resource access policies and attributes derived from an identity configuration; and

establishing a session with the service and the resource, wherein the session is controlled by the service contract.

22. (Original) The policy and attribute based resource session manager of claim 21 having

instructions further comprising, permitting the service to indirectly access an identity store which represents the resource, and wherein the identity store includes secure information related to the principal.

23. (Original) The policy and attribute based resource session manager of claim 21 having instructions further comprising terminating the session when the service contract expires or is compromised.

24. (Original) The policy and attribute based resource session manager of claim 21, wherein the requesting of the mapping further includes interacting with an alias translator.

25. (Original) The policy and attribute based resource session manager of claim 21, wherein the requesting of authentication further includes interacting with an identification authenticator.

26. (Original) The policy and attribute based resource session manager of claim 21 having instructions further comprising managing the session by acting as an intermediary between the service and a legacy Lightweight Directory Access Protocol (LDAP) application which has access privileges to the resource.

27. (Original) The policy and attribute based resource session manager of claim 26, wherein the receiving further includes intercepting a session request that is issued from the service for the legacy LDAP application, wherein the session request includes the alias identity information.

28. (Original) The policy and attribute based resource session manager of claim 27 having instructions further comprising managing the session with respect to the service as if the policy based resource session manager were the legacy LDAP application.

29. (Original) The policy and attribute based resource session manager of claim 21 wherein the instructions for establishing the session further includes defining the selective resource access policies as at least one of a read operation and a write operation and defining the attributes as selective confidential data related to the principal, wherein the policies define operations that are permissible on the attributes, and wherein values for the attributes reside in the resource.